

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior listings of claims in the application.

Listing Of Claims:

Claims 26-35 are pending in this application

Claim 1-25. (canceled).

Claim 26. (currently amended): A scan type display optical system which scans ~~light on~~ a projection surface with light, comprising:

a mirror;

a first driving mechanism which scans ~~the light in a first direction on~~ the projection surface with the light in a first direction by rotating the mirror;

a second driving mechanism which ~~scans the light in a direction different from the first direction on the projection surface~~ rotates the first driving mechanism in the first direction; and

a solid axle which connects the first driving mechanism and the second driving mechanism ~~a third mechanism which rotates the first mechanism.~~

Claim 27. (previously presented): The scan type display optical system according to claim 26, further comprising a projection optical system which has a plurality of optical surfaces including a reflective surface and guides the light reflected by the mirror to the projection surface,

wherein the mirror is substantially arranged at an entrance pupil position of the projection optical system.

Claim 28. (canceled).

Claim 29. (currently amended): The scan type display optical system according to claim 26, wherein the first driving mechanism resonantly swings the mirror.

Claim 30. (currently amended): The scan type display optical system according to claim 26, wherein the rotational axis of the mirror substantially coincides with the rotational axis of the first driving mechanism.

Claim 31. (previously presented): The scan type display optical system according to claim 26, further comprising a light guiding optical system which has a lens and guides the light to the mirror.

Claim 32. (currently amended): ~~A~~ The scan type image display apparatus comprising:
a modulation device modulating light; and
a scan type display optical system according to claim 26; ~~and~~ which scans a projection surface with the light modulated by the modulation device.
~~a modulation device which guides a light modulated in accordance with an image signal to the mirror.~~

Claim 33. (new): The scan type display optical system according to claim 26, further comprising a control circuit which controls the driving of the first and second driving mechanisms.

Claim 34. (new): The scan type display optical system according to claim 26, further comprising a third driving mechanism which scans the projection surface with the light in a second direction orthogonal to the first direction,

wherein a two-dimensional image is formed on the projection surface by driving the first and third driving mechanisms.

Claim 35. (new): The scan type display optical system according to claim 34, wherein the display area of the two-dimensional image on the projection surface is moved by rotating the first driving mechanism through the second driving mechanism.